

# Wisconsin Islands & Uplands from 1:24,000-scale sources

Metadata also available as

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  - [Spatial Reference Information](#)
  - [Entity and Attribute Information](#)
  - [Distribution Information](#)
  - [Metadata Reference Information](#)
- 

### *Identification\_Information:*

#### *Citation:*

##### *Citation\_Information:*

*Originator:* Wisconsin Department of Natural Resources

*Publication\_Date:* June 2007

*Publication\_Time:* Unknown

*Title:* Wisconsin Islands & Uplands from 1:24,000-scale sources

*Edition:* Version 6

*Geospatial\_Data\_Presentation\_Form:* vector digital data

##### *Publication\_Information:*

*Publication\_Place:* Madison, WI

*Publisher:* Wisconsin Dept. of Natural Resources

*Online\_Linkage:* <<http://www.dnr.state.wi.us/maps/gis/geolibrary.html>>

*Online\_Linkage:*

<[ftp://dnrftp01.wi.gov/geodata/hydro\\_24k/open\\_water.zip/islands\\_uplands.zip](ftp://dnrftp01.wi.gov/geodata/hydro_24k/open_water.zip/islands_uplands.zip)>

*Online\_Linkage:* <<http://dnrmaps.wisconsin.gov/imf/imf.jsp?site=webview.geodata>>

### *Description:*

#### *Abstract:*

This shapefile includes all upland and island polygons in the 1:24,000-scale

Hydrography data model (Version 6). These polygons have descriptive attributes. Some islands may have names, but in most cases they are unnamed. No Water Body ID Codes (WBICs) exist for islands.

The Wisconsin Department of Natural Resources (DNR) developed this statewide Hydrography geographic data layer from 1:24,000-scale sources. The 1:24K Hydrography database includes information about surface water features represented on the US Geological Survey's 1:24,000-scale topographic map series such as perennial and intermittent streams, lakes, and so on. A large portion of the DNR's Waterbody Identification Codes (WBICs) have been incorporated into the 24K Hydro layer, along with surface water names from the USGS Geographic Names Information System (GNIS) database. Wetlands delineations are NOT included in the 24K Hydro data layer.

Following the initial release of the 24K Hydrography database in October of 2000, a series of data updates and enhancements have culminated in Version 6 of the 24K Hydro layer, which was completed in June 2007. Version 6 includes data enhancements and corrections.

*Purpose:*

This shapefile provides a representation of upland and island water features of Wisconsin. It is intended to be used for cartographic and analytic purposes pertaining to islands and uplands.

*Time\_Period\_of\_Content:*

*Time\_Period\_Information:*

*Range\_of\_Dates/Times:*

*Beginning\_Date:* 1944

*Ending\_Date:* 1994

*Currentness\_Reference:* ground condition

*Status:*

*Progress:* Complete

*Maintenance\_and\_Update\_Frequency:* Unknown

*Spatial\_Domain:*

*Bounding\_Coordinates:*

*West\_Bounding\_Coordinate:* -92.982513

*East\_Bounding\_Coordinate:* -86.666063

*North\_Bounding\_Coordinate:* 47.083097

*South\_Bounding\_Coordinate:* 42.447854

*Keywords:*

*Theme:*

*Theme\_Keyword\_Thesaurus:* None

*Theme\_Keyword:* hydrography

*Theme\_Keyword:* water

*Theme\_Keyword:* lakes

*Theme\_Keyword:* rivers  
*Theme\_Keyword:* streams  
*Theme\_Keyword:* islands  
*Theme\_Keyword:* uplands  
*Theme\_Keyword:* inlandWaters

*Place:*

*Place\_Keyword\_Thesaurus:* None  
*Place\_Keyword:* Wisconsin

*Access\_Constraints:* None

*Use\_Constraints:* None

*Point\_of\_Contact:*

*Contact\_Information:*

*Contact\_Organization\_Primary:*

*Contact\_Organization:* Wisconsin DNR, Bureau of Technology Services

*Contact\_Position:* GIS Data Specialist

*Contact\_Address:*

*Address\_Type:* mailing address

*Address:* P.O. Box 7921

*City:* Madison

*State\_or\_Province:* WI

*Postal\_Code:* 53707-7921

*Country:* USA

*Contact\_Electronic\_Mail\_Address:* geodata@dnr.state.wi.us

*Hours\_of\_Service:* Normal business hours, or as available

*Native\_Data\_Set\_Environment:*

Microsoft Windows XP Version 5.1 (Build 2600) Service Pack 2; ESRI ArcCatalog  
9.1.0.780

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*Data\_Quality\_Information:*

*Lineage:*

*Source\_Information:*

*Source\_Citation:*

*Citation\_Information:*

*Originator:* US Geological Survey

*Publication\_Date:* Various

*Publication\_Time:* Unknown

*Title:* 7.5-minute (1:24,000-scale) topographic maps

*Source\_Scale\_Denominator:* 24000

*Source\_Time\_Period\_of\_Content:*

*Time\_Period\_Information:*

*Range\_of\_Dates/Times:*

*Beginning\_Date:* 1944

*Ending\_Date:* 1994

*Source\_Currentness\_Reference:* publication date

*Source\_Citation\_Abbreviation:* USGS topo maps

*Process\_Step:*

*Process\_Description:*

Refer to "Wisconsin DNR 24K Hydrography Version 6 Database Design", accessible at: [http://www.dnr.state.wi.us/maps/gis/documents/24khyd\\_db\\_design.pdf](http://www.dnr.state.wi.us/maps/gis/documents/24khyd_db_design.pdf).

Refer to "Wisconsin DNR 24K Hydrography Version 6 Capture and Feature-Coding Decision Rules", accessible at: [http://www.dnr.state.wi.us/maps/gis/documents/24khyd\\_decision\\_rules.pdf](http://www.dnr.state.wi.us/maps/gis/documents/24khyd_decision_rules.pdf).

*Process\_Date:* Various

*Process\_Time:* Unknown

*Process\_Contact:*

*Contact\_Information:*

*Contact\_Organization\_Primary:*

*Contact\_Organization:* Wisconsin DNR, GIS Services Section

*Contact\_Position:* 24K Hydro Data Specialist

*Contact\_Address:*

*Address\_Type:* mailing address

*Address:* P.O. Box 7921

*City:* Madison

*State\_or\_Province:* WI

*Postal\_Code:* 53707-7921

*Country:* USA

*Contact\_Voice\_Telephone:* (608) 267-3875

*Contact\_Facsimile\_Telephone:* (608) 266-0870

*Contact\_Electronic\_Mail\_Address:* Walter.Jaeger@dnr.state.wi.us

*Hours\_of\_Service:* Normal business hours or as available.

*Process\_Step:*

*Process\_Description:* Metadata imported.

*Source\_Used\_Citation\_Abbreviation:* K:\dvgislib\wi\_tile\hydro24k\hydnw924\hydrupld.shp.xml

*Process\_Step:*

*Process\_Description:* Dataset copied.

*Source\_Used\_Citation\_Abbreviation:* K:\gencov\wtm91cov\hyd24k\version6\hydrupld\_6

*Spatial\_Data\_Organization\_Information:*

*Direct\_Spatial\_Reference\_Method:* Vector

*Point\_and\_Vector\_Object\_Information:*

*SDTS\_Terms\_Description:*

*SDTS\_Point\_and\_Vector\_Object\_Type:* G-polygon

*Point\_and\_Vector\_Object\_Count:* 26451

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*Spatial\_Reference\_Information:*

*Horizontal\_Coordinate\_System\_Definition:*

*Planar:*

*Map\_Projection:*

*Map\_Projection\_Name:* Transverse Mercator

*Transverse\_Mercator:*

*Scale\_Factor\_at\_Central\_Meridian:* 0.999600

*Longitude\_of\_Central\_Meridian:* -90.000000

*Latitude\_of\_Projection\_Origin:* 0.000000

*False\_Easting:* 520000.000000

*False\_Northing:* -4480000.000000

*Planar\_Coordinate\_Information:*

*Planar\_Coordinate\_Encoding\_Method:* coordinate pair

*Coordinate\_Representation:*

*Abcissa\_Resolution:* 0.001024

*Ordinate\_Resolution:* 0.001024

*Planar\_Distance\_Units:* meters

*Geodetic\_Model:*

*Horizontal\_Datum\_Name:* D\_North\_American\_1983\_HARN

*Ellipsoid\_Name:* Geodetic Reference System 80

*Semi-major\_Axis:* 6378137.000000

*Denominator\_of\_Flattening\_Ratio:* 298.257222

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*Entity\_and\_Attribute\_Information:*

*Detailed\_Description:*

*Entity\_Type:*

*Entity\_Type\_Label:* hydrupld\_6

*Entity\_Type\_Definition:* Attribute table for 1:24K Hydro Upland and Island polygons

*Entity\_Type\_Definition\_Source:* Wisconsin DNR

*Attribute:*

*Attribute\_Label:* FID

*Attribute\_Definition:* Internal feature number.

*Attribute\_Definition\_Source:* ESRI

*Attribute\_Domain\_Values:*

*Unrepresentable\_Domain:*

Sequential unique whole numbers that are automatically generated.

*Attribute:*

*Attribute\_Label:* Shape

*Attribute\_Definition:* Feature geometry.

*Attribute\_Definition\_Source:* ESRI

*Attribute\_Domain\_Values:*

*Unrepresentable\_Domain:* Coordinates defining the features.

*Attribute:*

*Attribute\_Label:* BUILD\_DATE

*Attribute\_Definition:*

A processing date indicating when the feature was added and verified by the editor.

*Attribute\_Definition\_Source:* Wisconsin DNR

*Attribute\_Domain\_Values:*

*Unrepresentable\_Domain:*

Processing date when the feature was added and verified by the editor.

*Attribute:*

*Attribute\_Label:* HYD\_VER

*Attribute\_Definition:*

Indicates the most recent release number of the 24K Hydro database in which the feature was edited. If a feature has been unmodified since the first release of 24K Hydro, this item retains a value of "1".

*Attribute\_Definition\_Source:* Wisconsin DNR

*Attribute\_Domain\_Values:*

*Enumerated\_Domain:*

*Enumerated\_Domain\_Value:* 1

*Enumerated\_Domain\_Value\_Definition:*

Feature not edited since the release of Version 1 of the 24K Hydrography database.

*Enumerated\_Domain\_Value\_Definition\_Source:* Wisconsin DNR

*Enumerated\_Domain:*

*Enumerated\_Domain\_Value:* 2

*Enumerated\_Domain\_Value\_Definition:*

Feature edited between the release of Version 1 and Version 2 of the 24K Hydrography database.

*Enumerated\_Domain\_Value\_Definition\_Source:* Wisconsin DNR

*Enumerated\_Domain:*

*Enumerated\_Domain\_Value:* 3

*Enumerated\_Domain\_Value\_Definition:*

Feature edited between the release of Version 2 and Version 3 of the 24K Hydrography database.

*Enumerated\_Domain\_Value\_Definition\_Source:* Wisconsin DNR

*Attribute:*

*Attribute\_Label:* HYDNW924\_

*Attribute:*

*Attribute\_Label:* AREA

*Attribute:*

*Attribute\_Label:* HYDNW924\_I

*Attribute:*

*Attribute\_Label:* PERIMETER

*Attribute:*

*Attribute\_Label:* SW\_NO

*Attribute\_Definition:*

Surface Water Number; unique numeric identifier for each polygon (identical to corresponding "SW\_NO" in polygon feature class)

*Attribute\_Definition\_Source:* Wisconsin DNR

*Attribute\_Domain\_Values:*

*Codeset\_Domain:*

*Codeset\_Name:* Surface Water Number

*Codeset\_Source:* Wisconsin DNR

*Attribute:*

*Attribute\_Label:* NAME

*Attribute\_Definition:*

Name of the feature represented by the polygon. Name is based on the USGS Geographic Names Information System (GNIS).

*Attribute\_Definition\_Source:* US Geological Survey

*Attribute\_Domain\_Values:*

*Enumerated\_Domain:*

*Enumerated\_Domain\_Value:* GNIS Name

*Enumerated\_Domain\_Value\_Definition:* Name provided by GNIS.

*Enumerated\_Domain\_Value\_Definition\_Source:* US Geological Survey

*Enumerated\_Domain:*

*Enumerated\_Domain\_Value:* Unnamed

*Enumerated\_Domain\_Value\_Definition:* No GNIS name for the feature

*Enumerated\_Domain\_Value\_Definition\_Source:* Wisconsin DNR

*Enumerated\_Domain:*

*Enumerated\_Domain\_Value:* NA

*Enumerated\_Domain\_Value\_Definition:* Not applicable.

*Enumerated\_Domain\_Value\_Definition\_Source*: Wisconsin DNR

*Attribute:*

*Attribute\_Label*: POLY\_TYP

*Attribute\_Definition*:

A two-character code identifying the type of areal water or land feature represented by each polygon.

*Attribute\_Definition\_Source*: Wisconsin DNR

*Attribute\_Domain\_Values*:

*Enumerated\_Domain*:

*Enumerated\_Domain\_Value*: IS

*Enumerated\_Domain\_Value\_Definition*: Island

*Enumerated\_Domain\_Value\_Definition\_Source*: Wisconsin DNR

*Enumerated\_Domain*:

*Enumerated\_Domain\_Value*: UP

*Enumerated\_Domain\_Value\_Definition*: Upland: all non-water polygons other than islands.

*Enumerated\_Domain\_Value\_Definition\_Source*: Wisconsin DNR

*Attribute:*

*Attribute\_Label*: OH\_COL\_MTH

*Attribute\_Definition*:

A numeric code indicating the method of data collection or conversion, consistent with DNR Locational Data Standards (see <http://www.dnr.state.wi.us/maps/gis/location.html>).

*Attribute\_Definition\_Source*: Wisconsin DNR

*Attribute\_Domain\_Values*:

*Enumerated\_Domain*:

*Enumerated\_Domain\_Value*: MLT004

*Enumerated\_Domain\_Value\_Definition*:

Polygons composed of arcs with various attributes - see attributes for hydlerc.shp

*Enumerated\_Domain\_Value\_Definition\_Source*: Wisconsin DNR

*Overview\_Description:*

*Entity\_and\_Attribute\_Overview*:

A User's Guide, Database Design document, Data Capture & Feature Coding Decision Rules document, and Shapefile Data Dictionary for the 24K Hydrography database are accessible on the DNR internet website.

*Entity\_and\_Attribute\_Detail\_Citation*:

Refer to "Wisconsin DNR 24K Hydrography Version 6 User's Guide", accessible at: [http://www.dnr.state.wi.us/maps/gis/documents/24khyd\\_user\\_guide.pdf](http://www.dnr.state.wi.us/maps/gis/documents/24khyd_user_guide.pdf).

*Entity\_and\_Attribute\_Detail\_Citation*:

Refer to "Wisconsin DNR 24K Hydrography Version 6 Database Design", accessible at: [http://www.dnr.state.wi.us/maps/gis/documents/24khyd\\_db\\_design](http://www.dnr.state.wi.us/maps/gis/documents/24khyd_db_design).

[pdf](#)>.

*Entity\_and\_Attribute\_Detail\_Citation:*

Refer to "Wisconsin DNR 24K Hydrography Version 6 Data Dictionary", accessible at: [http://www.dnr.state.wi.us/maps/gis/documents/24khyd\\_ddict.pdf](http://www.dnr.state.wi.us/maps/gis/documents/24khyd_ddict.pdf) .

*Entity\_and\_Attribute\_Detail\_Citation:*

Refer to "Wisconsin DNR 24K Hydrography Version 6 Data Capture and Feature-Coding Decision Rules", accessible at: [http://www.dnr.state.wi.us/maps/gis/documents/24khyd\\_decision\\_rules.pdf](http://www.dnr.state.wi.us/maps/gis/documents/24khyd_decision_rules.pdf) .

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*Distribution\_Information:*

*Distributor:*

*Contact\_Information:*

*Contact\_Organization\_Primary:*

*Contact\_Organization:* Wisconsin DNR, Bureau of Technology Services

*Contact\_Position:* GIS Data Specialist

*Contact\_Address:*

*Address\_Type:* mailing address

*Address:* P.O. Box 7921

*City:* Madison

*State\_or\_Province:* WI

*Postal\_Code:* 53707-7921

*Country:* USA

*Contact\_Electronic\_Mail\_Address:* geodata@dnr.state.wi.us

*Hours\_of\_Service:* normal business hours or as available

*Resource\_Description:* Downloadable Data

*Distribution\_Liability:*

Refer to <http://www.dnr.state.wi.us/org/legal/WebSiteLegalInformation.html>>

*Standard\_Order\_Process:*

*Digital\_Form:*

*Digital\_Transfer\_Information:*

*Transfer\_Size:* 83.982

*Digital\_Transfer\_Option:*

*Online\_Option:*

*Computer\_Contact\_Information:*

*Network\_Address:*

*Network\_Resource\_Name:*

[ftp://dnrftp01.wi.gov/geodata/hydro\\_24k/open\\_water.zip/islands\\_uplands.zip](ftp://dnrftp01.wi.gov/geodata/hydro_24k/open_water.zip/islands_uplands.zip)

*Access\_Instructions:* Download from DNR ftp site.

*Ordering\_Instructions:*

Refer to the DNR GIS website: <<http://www.dnr.state.wi.us/maps/gis/geolibrary.html>>

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*Metadata\_Reference\_Information:*

*Metadata\_Date:* 20080118

*Metadata\_Review\_Date:* 20051229

*Metadata\_Contact:*

*Contact\_Information:*

*Contact\_Organization\_Primary:*

*Contact\_Organization:* Wisconsin DNR, Bureau of Technology Services

*Contact\_Position:* GIS Data Specialist

*Contact\_Address:*

*Address\_Type:* mailing address

*Address:* P.O. Box 7921

*Address:* 101. S. Webster St.

*City:* Madison

*State\_or\_Province:* WI

*Postal\_Code:* 53707-7921

*Country:* USA

*Contact\_Electronic\_Mail\_Address:* geodata@dnr.state.wi.us

*Hours\_of\_Service:* normal business hours or as available

*Metadata\_Standard\_Name:* FGDC Content Standards for Digital Geospatial Metadata

*Metadata\_Standard\_Version:* FGDC-STD-001-1998

*Metadata\_Time\_Convention:* local time

*Metadata\_Extensions:*

*Online\_Linkage:* <<http://www.esri.com/metadata/esriprof80.html>>

*Profile\_Name:* ESRI Metadata Profile

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